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 EMULSIFIED HAIR CARE PREPARATION

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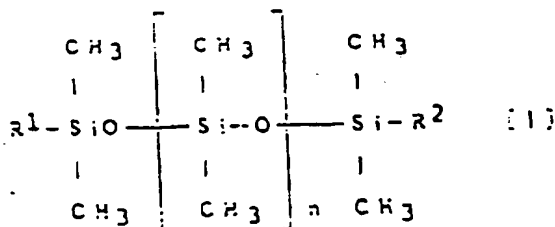
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(56) Prior Art Documents  
 US 4943431

(57) Claim

1. An emulsified hair cosmetic which comprises  
 (i) a dimethylsilicone rubber of the formula:



wherein  $\text{R}^1$  and  $\text{R}^2$  are methyl or hydroxyl; and  $n$  is an integer of 4000 to 9000;

(ii) a dimethylsilicone oil having the viscosity of 10 to 100000 centistokes at 25 °C;

(iii) one or more of polyhydric alcohol selected from the group consisting of propylene glycol, 1,3-butylene glycol and glycerin; and

(iv) one or more of nonionic surfactant selected from the group consisting of polyoxyethylene oleyl ether,

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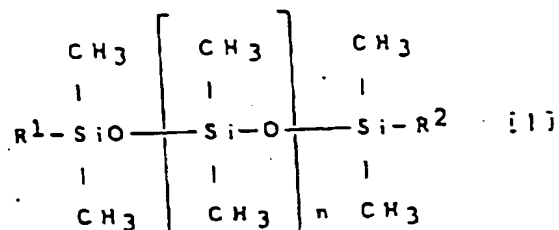
polyoxyethylene cetyl ether, ethylene glycol stearate,  
diethylene glycol stearate, polyethylene glycol stearate,  
polyethylene glycol distearate and glyceryl stearate, the  
amount of (i) being  $1/20$  to  $1/3$  of the amount of (ii), the  
total amount of (iv) being not 7-fold more than the amount  
of (i) and being  $1/2$  to 2 of the amount of (iii).

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What is claimed is:

1. An emulsified hair cosmetic which comprises

(i) a dimethylsilicone rubber of the formula-



wherein  $\text{R}^1$  and  $\text{R}^2$  are methyl or hydroxyl; and  $n$  is an integer of 4000 to 9000;

(ii) a dimethylsilicone oil having the viscosity of 10 to 100000 centistokes at 25 °C;

(iii) one or more of polyhydric alcohol selected from the group consisting of propylene glycol, 1,3-butylene glycol and glycerin; and

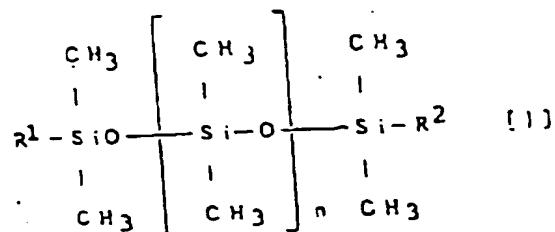
(iv) one or more of nonionic surfactant selected from the group consisting of polyoxyethylene oleyl ether, polyoxyethylene cetyl ether, ethylene glycol stearate, diethylene glycol stearate, polyethylene glycol stearate, polyethylene glycol distearate and glyceryl stearate, the amount of (i) being 1/20 to 1/3 of the amount of (ii), the total amount of (iv) being not 7-fold more than the amount of (i) and being 1/2 to 2 of the amount of (iii).



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## Abstract of the disclosure:

An emulsified hair cosmetic which comprises a dimethylsilicone rubber of the formula:



wherein  $\text{R}^1$  and  $\text{R}^2$  are methyl or hydroxyl; and  $n$  is an integer of 4000 to 9000, dimethyl silicone oil, polyhydric alcohol and nonionic surfactant.

